

## PRACTICAL SKILL SHEETS

## INDIANA HOMELAND SECURITY TRAINING INSTITUTE

#### Indiana Board of Firefighting Personnel Standards and Education

## DRIVER OPERATOR PUMPER NFPA 1002, 2003 Edition

Revised 06/18/05

# STATE OF INDIANA JOB PERFORMANCE REQUIREMENT SKILLS EVALUATION SYSTEM

| CANDIDATE:   |                  |  |
|--------------|------------------|--|
| EVALUATOR: _ |                  |  |
| DATE:        | _ COURSE NUMBER: |  |
| LOCATION:    |                  |  |

#### **OBJECTIVE:**

The Job Performance Requirement Skills Evaluation System is divided into Skill Stations based upon the subject headings within the certification standard. Each of the skill stations are further broken down into Skills Tests which are drawn from each component of the standard. This is an "Evaluation and not a "Training Session". The candidate must satisfactorily pass each skill.

#### **INSTRUCTORS AND EVALUATORS:**

Each Skill Test presented within this Skill Packet is based upon Job Performance Requirements identified by The National Fire Protection Agency and approved by the Indiana Board of Firefighting Personnel Standards and Education. Instructor II/III whom, is serving as the Lead Instructor and/or Lead Evaluator are mandated to ensure the Evaluation and Testing Results satisfy the Job Performance Requirement as described by the standard.

#### **CANDIDATES:**

If the candidate is unable to perform a task, the Evaluator will identify the specific task as a "Recommended Area for Further Training." Each Candidate shall advise the Evaluator when they have completed each Skill Station. Candidates will not find out the results of an individual Skill Station until all evaluations scheduled for that day have been completed. Candidates have the option to retake any Skill Test at the end of the Evaluation Session or during a make-up session scheduled by the Instructor.

5.1.1 General JPR #DOP1

Standard Area: General

12.

13.

14.

applicable)

procedures of Authority Having Jurisdiction.

procedures of Authority Having Jurisdiction. (if applicable)

| Candidate: Date:  |  |                                |                       |           |            |             |       |
|---|--|--------------------------------|-----------------------|-----------|------------|-------------|-------|
| SS#:  |  |                                |                       |           |            | •           |       |
|   |  |                                |                       |           |            |             |       |
| STANDARD: 5.1.1.  NFPA 1002, 2003 Edition  TASK: Perform the specified routine tests, inspections and servicing functions specified in the following list given a fire department pumper and it's manufacture specifications, so that the operational status of the pumper is verified.   |  |                                |                       |           |            |             |       |
| PERFORMANCE OUTCOME: The ability to use hand tools, recognize system problems and correct any deficiency noted, with completed departmental forms, according to policies and procedures of Authority Having Jurisdiction. The Authority Having Jurisdiction will administer this JPR prior to the candidate participating in the Driver/Operator Practical. |  |                                |                       |           |            | ing         |       |
|   | octor will choose two Task Steps i<br>ate on the day of the practical. | ncluding one piece of equipa   | ient from task step # | 11 to be  | demonst    | rated by 1  | the   |
|   | FIONS: The candidate will complete                                     | e all elements of the assigned | ask.                  |           |            |             |       |
|   | MENT REQUIRED: A fully equipped o department policies, and procedure   |                                | ppropriate equipment  | to comple | ete the as | signed tasl | k and |
| No.   |  | TASK STEPS                     |                       | FIRST     | r          | RETEST      |       |
| 1.  | Battery (ies)  |                                |                       | Pass      | Fail       | Pass        | Fail  |
| 2.  | Braking systems  |                                |                       |           |            |             |       |
| 3.  | Coolant systems  |                                |                       |           |            |             |       |
| 4.  | Electrical systems   |                                |                       |           |            |             |       |
| 5.  | Fuel   |                                |                       |           |            |             |       |
| 6.  | Hydraulic fluid  |                                | · .                   |           |            |             |       |
| 7.  | Oil  |                                |                       |           |            |             |       |
| 8.  | Tires  |                                |                       |           |            |             |       |
| 9.  | Steering system  |                                |                       |           |            |             |       |
| 10.   | Belts  |                                |                       |           |            |             |       |
| 11.   | Tools, appliances and equipment  |                                |                       |           |            |             |       |

Perform a routine inspection on Water tank and other extinguishing agent levels in

Perform a routine inspection on pumping systems in accordance with policies and

Perform a routine inspection on Foam systems in accordance with policies and

accordance with policies and procedures of Authority Having Jurisdiction. (if

**NFPA 1002, 2003 Edition** 

5.1.1 General

JPR #DOP1

Standard Area: General

<sup>\*</sup>Authority Having Jurisdiction will make apparatus check off sheets available for the visual check of the vehicle per their department policies and procedures. The candidate will be allowed to use these sheets while performing this JPR.

## **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.1.1 General

| Standard Area: Ge | neral |
|-------------------|-------|
|-------------------|-------|

| Lead Evaluator/Candidate Comments: |      |                   |      |  |
|------------------------------------|------|-------------------|------|--|
|                                    |      |                   |      |  |
|                                    |      |                   |      |  |
|                                    |      |                   |      |  |
|                                    |      |                   |      |  |
|                                    |      |                   |      |  |
| Lead Frankrater (D. 1. a. G. )     | D-4- | Con didata        |      |  |
| Lead Evaluator (Print & Sign)      | Date | Candidate         | Date |  |
| Re-Test Lead Evaluator             | Date | Re-Test Candidate | Date |  |

### NFPA 1002, 2003 Edition

5.1 Driving / Operating Standard Area: Driving / Operating

| Cand   | idate:                                  |                                 | Date:                |            |          |  |      |
|--------|---|---------------------------------|----------------------|------------|----------|--|------|
| SS#:   | *************************************** |                                 |                      |            |          |  |      |
|        | ARD: 4.3.1                              | TASK: The fire apparate         |                      |            | tment pu | mper, shal                             | 1    |
|        | 1002, 2003 Edition                      | demonstrate ability to p        | repare the pumper to | be driven. |          |  |      |
|        | RMANCE OUTCOME: Prelimina               |                                 |                      |            |          |  |      |
| Condi  | FIONS: The candidate will comp          | olete all elements of the assig | ned task.            |            |          | A4************************************ |      |
| EQUIP  | MENT REQUIRED: (1) one fire d           | epartment pumper.               |                      |            |          | T                                      |      |
| No.    |   | TASK STEPS                      |                      |            | TEST     |  |      |
| 1.     | Check and adjust the drivers' s         | eat                             |                      | Pass       | Fail     | Pass                                   | Fail |
| 2.     | Check and adjust the drivers's          |                                 |                      |            |          |  |      |
| 3.     | Fasten seatbelt prior to placing        |                                 |                      |            |          |  |      |
|        | Evaluator/Candidate Cor                 |                                 |                      |            |          |  |      |
|        |   |                                 |                      |            |          |  |      |
|        |   |                                 |                      |            |          |  |      |
|        |   |                                 |                      |            |          |  |      |
| Lead F | Evaluator (Print & Sign)                | Date                            | Candi                | date       |          | Dat                                    | te   |
| Re-To  | est Lead Evaluator                      | Date                            | Re-Test Ca           | andidate   |          | Dat                                    | te   |

#### NFPA 1002, 2003 Edition

5.1 Driving / Operating

Standard Area: Driving Operating

| Candi  | Candidate: Date:  |  |                |            |             |      |
|--|---|--|----------------|------------|-------------|------|
| SS#:   |   |  |                |            |             |      |
|  |   |  |                |            |             |      |
| NFPA 1   | TASK: Operate a vehicle using defensive driving techniques under emergency conditions, given a fire department vehicle and emergency conditions, so that control of the vehicle maintained. |  |                |            |             |      |
| PERFORMANCE OUTCOME: The ability to operate passenger restraint devices, maintain safe following distances, maintain control of the vehicle while accelerating, decelerating, and turning, maintain reasonable speed for road, weather, and traffic conditions, operate safely during non-emergency conditions, operate under adverse environmental or driving surface conditions, and use automotive gauges and controls. The Authority Having Jurisdiction will administer this JPR prior to the candidate participating in the Driver/Operator Practical. |   |  |                |            |             |      |
| CONDIT   | TIONS: The candidate will complete  | all elements of the assigned task.                   |                |            |             |      |
|  | MENT REQUIRED: A fire department nent policies, procedures and related  | vehicle, the appropriate equipment to complet forms. | e the assigned | tasks and  | l access to |      |
| No.  |   | TASK STEPS   | First          | FIRST TEST |             | EST  |
| 1101   |   |  | Pass           | Fail       | Pass        | Fail |
| 1.   | Wearing Seatbelt  |  |                |            |             |      |
| 2.   | Operate passenger restraint device  | s  |                |            |             |      |
| 3.   | Maintain safe following distances   |  |                |            |             |      |
| 4.   | Maintain control of the vehicle wh  | ile accelerating, decelerating, and turning          |                |            |             |      |
| 5.   | Maintain reasonable speed for road  | d, weather, and traffic conditions                   |                |            |             |      |
| 6.   | Operate safely during non-emerger   | ncy conditions                                       |                |            |             |      |
| 7.   | Operate under adverse environmer  | ntal or driving surface conditions                   |                |            |             |      |
| 8.   | Use automotive gauges and contro  | ls   |                |            |             |      |

<sup>\*</sup>Authority Having Jurisdiction will make available to the proctor any documentation to verify that these duties have been performed.

### NFPA 1002, 2003 Edition

5.1 Driving / Operating Standard Area: Driving Operating

JPR #DOP8

**Lead Evaluator/Candidate Comments:** 

| Lead Evaluator (Print & Sign) | Date | Candidate         | Date |
|-------------------------------|------|-------------------|------|
|                               | · .  |                   |      |
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

#### NFPA 1002, 2003 Edition

5.1 Driving / Operating

Standard Area: Driving / Operating

JPR #DOP7

| Candi   | idate: Da   | te:          |            |             |        |  |  |
|---|---|--------------|------------|-------------|--------|--|--|
| SS#:  |   |              |            |             |        |  |  |
|   |   |              |            |             |        |  |  |
|   | TASK: Perform the practical driving exercises specified 4.3.2 through 4.3.5 given a fire department pumper and a spotter for backing, so that each exercise is performed safely without striking the vehicle or obstructions.   |              |            |             |        |  |  |
| given a<br>vertical<br>obstruct<br>( <i>Dimin</i> | RMANCE OUTCOME: 4.3.5* Maneuver a fire department vehicle in areas with restrict fire department vehicle and a course that requires the operator to move forward through clearances, so that the operator accurately judges the ability of the vehicle to pass that the same struck.  **Initial Clearance Exercise**  **PIONS: The candidate will complete all elements of the assigned task. | igh areas of | restricted | l horizonta | ıl and |  |  |
| EQUIPM  | MENT REQUIRED: (1) one fire department pumper.  |              |            |             |        |  |  |
| No  | Ti ov Coppe   | Firs         | FIRST TEST |             | TEST   |  |  |
| No.   | TASK STEPS  | Pass         | Fail       | Pass        | Fail   |  |  |
| 1.  | Maneuver the pumper forward through the diminishing clearance exercise without striking obstructions.   |              |            |             |        |  |  |
| 11.   | Do not allow the pumper to cross over the finish line.  |              |            |             |        |  |  |

See attached Appendix and Figure A-4.3.5 for instructions and dimensions.

NOTE: Not all apparatus will fit in dimensions given below. Proctor should measure wheel width of apparatus to be used in the course to include tire bulge, add 2" to the total width of the course (1" on each side)

**5.1 Driving / Operating** 

Standard Area: Driving / Operating

JPR #DOP7

A-4.3.5

The diminishing clearance exercise can be used as practice for or in the evaluation of this requirement. This exercise measures a driver's ability to steer the apparatus in a straight line, to judge distances from wheel to object, and to stop at a finish line. The speed at which a driver should operate the apparatus is optional, but it should be great enough to necessitate quick judgment. The course for this exercise is created by arranging two rows of markers to form a lane 75 ft (22.9 m) long. The lane varies in width from 9 ft 6 in. (2.9 m) to a diminishing clearance of 8 ft 2 in. (2.5 in). The driver should maneuver the apparatus forward through this lane without touching the markers. The vehicle should be stopped at a finish line 50 ft (15.25 in) beyond the last marker. No portion of the vehicle should protrude beyond this line. (See Figure A-4.3.5.)

NOTE: For large vehicles, such as ARFF apparatus, this course might need to be modified.

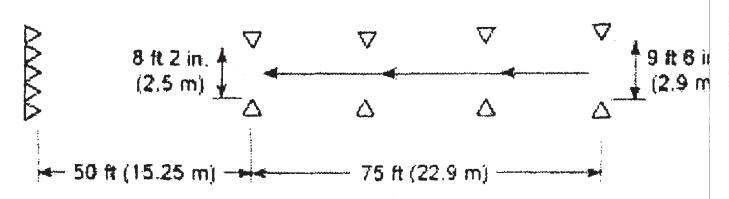


Figure A-4.3.5 Diminishing clearance exercise.

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NFPA 1002, 2003 Edition 5.1 Driving / Operating Standard Area: Driving / Operating

JPR #DOP7

**Lead Evaluator/Candidate Comments:** 

| Lead Evaluator (Print & Sign) | Date | Candidate         | Date |
|-------------------------------|------|-------------------|------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

### NFPA 1002, 2003 Edition

**5.1 Driving / Operating** 

Standard Area: Driving / Operating

JPR #DOP6

| Candi                       | idate:   | Date:                   |            |      |      |
|-----------------------------|--|-------------------------|------------|------|------|
| SS#:                        |  |                         |            |      |      |
|                             | TASK: Perform the practical driving of fire department pumper and a spotter safely without striking the vehicle or   | for backing, so that ea |            |      |      |
| vehicle<br>the veh<br>(Turn | PRMANCE OUTCOME: 4.3.4* Turn a fire department vehicle 180 degrees with a spotter for backing, and an area in which the vehicle cannot perform a Unicle is turned 180 degrees without striking obstructions within the given sparound Exercise)  THONS: The candidate will complete all elements of the assigned task. | turn without stopping   |            |      |      |
| EQUIPM                      | MENT REQUIRED: (1) one fire department pumper.   |                         |            |      |      |
| NIO                         | The over Company   | Firs                    | FIRST TEST |      | EST  |
| No.                         | TASK STEPS   | Pass                    | Fail       | Pass | Fail |
| 1.                          | Turn the pumper 180 degrees within a confined space, without striking of   | ostructions.            |            |      |      |
| 2.                          | Do not allow the pumper to leave course boundaries.  |                         |            |      |      |

See attached NFPA Appendix & Figure A-4.3.4 for instructions and dimensions.

**5.1 Driving / Operating** 

Standard Area: Driving / Operating

JPR #DOP6

A-4.3.4

The confined space turnaround can be used as practice for or in the *evaluation* of this requirement. This exercise measures the driver's ability to turn the vehicle around in a confined space without striking obstacles. The turn is accomplished within an area 50 ft x 100 ft (15.25 m x 30.5 in). The driver moves into the area from a 14.ft (3.66-rn) opening in the center of one of the 50-ft (15.25-rn) legs, turns the vehicle 180 degrees, and returns through the opening. There is no limitation on the number of times the driver has to maneuver the vehicle to accomplish this exercise, but no portion of the vehicle should extend over the boundary lines of the space. (See Figure A-4.3. 4.)

NOTE: For large vehicles, such as ARFF apparatus, this course might need to be modified.

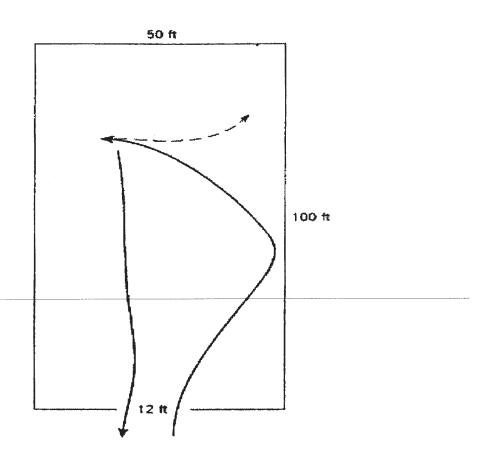


Figure A-4.3.4 Confined space turnaround.

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## **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.1 Driving / Operating

Standard Area: Driving / Operating

JPR #DOP6

**Lead Evaluator/Candidate Comments:** 

| Lead Evaluator (Print & Sign) | Date | Candidate         | Date |
|-------------------------------|------|-------------------|------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

NFPA 1002, 2003 Edition

5.1 Driving / Operating

Standard Area: Driving / Operating

JPR #DOP5

| Canal               | andidate: D   |  |                |      |        |      |
|---------------------|---|--|----------------|------|--------|------|
| SS#:                |   | <u></u>  |                |      |        |      |
|                     | ARD: 4.3.3<br>1002, 2003 Edition                                    | TASK: Perform the practical driving exercises sp<br>fire department pumper and a spotter for backing<br>safely without striking the vehicle or obstruction | g, so that eac |      |        |      |
| given a<br>obstacle | fire department vehicle, spotter for                                | ver a vehicle around obstructions on a roadway whe backing, and a roadway for obstructions, so that the direction of travel and without striking the obs   | ne vehicle is  |      |        |      |
|                     | FIONS: The candidate will complete                                  | e all elements of the assigned task.   |                |      |        |      |
| EQUIPM              | MENT REQUIRED: (1) one fire depa                                    | rtment pumper.   |                |      |        |      |
| No                  |   | TE - cyc Coreno  | FIRST TEST     |      | RETEST |      |
| No.                 |   | TASK STEPS   | Pass           | Fail | Pass   | Fail |
| 1.                  | Maneuver the pumper forward are changing direction of travel and w  | ound obstructions without stopping and/or vithout striking obstructions.   |                |      |        |      |
| 2.                  | Maneuver the pumper in reverse a changing direction of travel and w | round obstructions without stopping and/or rithout striking obstructions.  |                |      |        |      |
| 3.                  | Do not allow the pumper to leave                                    | course boundaries.   |                |      |        |      |

See attached NFPA Appendix & Figure A-4.3.3 for instructions and dimensions.

NOTE: Course boundaries are 20 feet from center of cone on each side. Total width of 40 feet.

**5.1 Driving / Operating** 

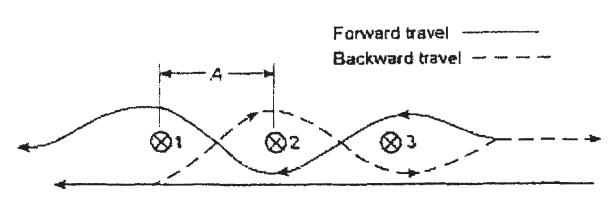
Standard Area: Driving / Operating

JPR #DOP5

A-4.3.3

The serpentine exercise can be used as practice for or in the evaluation of this requirement. This exercise measures a driver's ability to steer the apparatus in close limits without stopping. The exercise should be conducted with the apparatus moving first backward, then forward. The course or path of travel for this exercise can be established by placing a minimum of three markers, each spaced between 30 ft (9 m) and 38 ft (12 m) apart, in a line. The spacing of the markers should be based on the wheel base of the vehicle used. Adequate space must be provided on each side of the markers for the apparatus to move freely. The driver should drive the apparatus along the left side of the markers in a straight line and stop just beyond the last marker. The driver then should back the apparatus between the markers by passing to the left of marker No. 1, to the right of marker No. 2, and to the left of marker No. 3. At this point, the driver should stop the vehicle and then drive it forward between the markers by passing to the right of marker No. 3, to the left of marker No. 2, and to the right of marker No. 1. (See Figure A-4.3.3.)

NOTE: For large vehicles, such as ARFF apparatus, this course might need to be modified.



A: 30 ft to 38 ft based on vehicle wheel base

NOTE: Use 36 feet for Driver Operator Pumper (based on a standard wheel base of 16feet overall length of 32 feet. If pumper is longer adjust length as referenced above.)

Figure A-4.3.3 Serpentine exercise.

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NFPA 1002, 2003 Edition 5.1 Driving / Operating Standard Area: Driving / Operating

JPR #DOP5

**Lead Evaluator/Candidate Comments:** 

| Lead Evaluator (Print & Sign) | Date | Candidate         | Date |
|-------------------------------|------|-------------------|------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

#### NFPA 1002, 2003 Edition

5.1 Driving / Operating5.1.2 Driving / Operating

Standard Area: Driving / Operating

JPR #DOP4

| Cand                                 | lidate:   | Date  | ite:       |            |            |          |  |
|--------------------------------------|---|---|------------|------------|------------|----------|--|
| SS#:                                 |   |   |            |            |            |          |  |
|                                      | TASK: Perform the practical fire department pumper and safely without striking the vo   | a spotter for backing,                        |            |            |            |          |  |
| vehicle turns fr withou (Alley CONDI | PRIMANCE OUTCOME: 4.3.2* Back a vehicle from a roadway into ree, given a fire department vehicle, a spotter, and restricted spaces 1 from the roadway, so that the vehicle is parked within the restricted at striking obstructions.  BY Dock Exercise)  HITIONS: The candidate will complete all elements of the assigned to the exercise of the candidate will complete all elements of the assigned to the exercise of the | 2 ft in width, requiring areas without having | g 90-degre | ee right-h | and and le | eft-hand |  |
| No                                   | They Sman   |   | FIRST TEST |            | RET        | FEST     |  |
| No.                                  | * TASK STEPS  |   | Pass       | Fail       | Pass       | Fail     |  |
| 1.                                   | Back the pumper into restricted space on the right side without by pull forward and without striking obstructions.  | aving to stop and/or                          |            |            |            |          |  |
| 2.                                   | Back the pumper into restricted space on the left side without ha pull forward and without striking obstructions.   | ving to stop and/or                           |            |            |            |          |  |
| 3.                                   | Do not allow the pumper to leave course boundaries.   |   |            |            |            |          |  |

See attached NFPA Appendix & Figure A-4.3.2 (a) & (b) for instructions and dimensions.

NOTE: JPR is complete upon backing into the dock exercise, the candidate will not be evaluated while pulling out of the dock area.

NFPA 1002, 2003 Edition

5.1 Driving / Operating5.1.2 Driving / Operating

Standard Area: Driving / Operating

JPR #DOP4

A-4.3.2

The alley dock exercise can be used as practice for or in the evaluation of this requirement. This exercise measures a driver's ability to drive past a simulated dock or stall, back the apparatus into the space provided, and stop smoothly. A dock or stall can be simulated by arranging barricades 40 ft (12.2 m) from a boundary line. These barricades should be 12 ft (3.66 m) apart, and the length should be approximately 20 ft (6.1 in). The driver should pass the barricades with the dock on the left and then back the apparatus, using a left turn, into the stall. The exercise should then be repeated with the dock on the right side, using a right turn. [See Figure A-4.3.2(a).

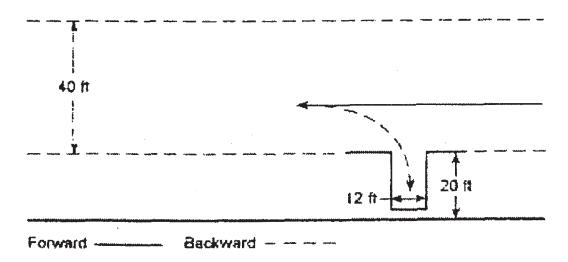


Figure A-4.3.2(a) Alley dock exercise.

The apparatus station parking maneuver can also be used as practice for or in the evaluation of this requirement. This exercise measures the driver's ability to back the apparatus into a fire station to park or to back the apparatus down a street to reverse the direction of travel. An engine bay can be simulated by allowing for a 20-ft (6.1-rn) minimum setback from a street 30 ft (9 m) wide, with a set of barricades at the end of the setback, spaced 12 ft (3.66 m) apart to simulate the garage door. The setback from the street should be determined by the testing agency to ensure that the distances reflect those encountered by the apparatus driver during the normal course of duties.

A marker placed on the ground should indicate to the operator the proper position of the left front tire of the vehicle once stopped and parked. A straight line can be provided to assist the operator while backing the apparatus, facilitating the use of vehicle mirrors. The minimum depth distance is determined by the total length of the vehicle. [See Figure A-4.3.2(b).]

#### NFPA 1002, 2003 Edition

5.1 Driving / Operating 5.1.2 Driving / Operating

Standard Area: Driving / Operating

JPR #DOP4

NOTE: For large vehicles, such as ARFF apparatus, this course might need to be modified

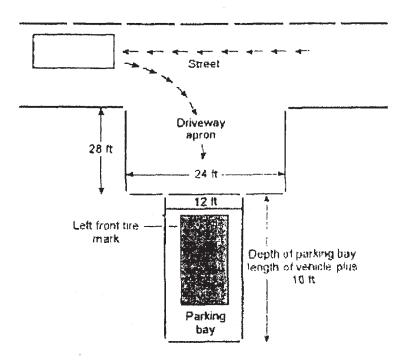


Figure A-4.3.2(b) Station parking procedure drill.

Copyright NFPA

5.1 Driving / Operating
5.1.2 Driving / Operating
Standard Area: Driving / Operating

| 1 | hea | Eva   | lustor | /Can  | didata | Comme    | nte. |
|---|-----|-------|--------|-------|--------|----------|------|
|   | /   | L V Z | lualor | /ч.жи | шин    | <b>.</b> |      |

| Lead Evaluator (Print & Sign) | Date | Candidate         | Date |
|-------------------------------|------|-------------------|------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

### NFPA 1002, 2003 Edition

5.1 Driving / Operating

Standard Area: Driving / Operating

JPR #DOP3

| Candi   | date:  | :  |           |             |                    |      |
|---|--|--|-----------|-------------|--------------------|------|
| SS#:  |  |  |           |             |                    |      |
|   |  |  |           |             |                    |      |
| STANDARD: 4.1.3 NFPA 1002, 2003 Edition  TASK: Operate a fire department pumper over a predetermined route on a public that incorporates the maneuvers and features specified in the list in 4.3.1, so that vehicle is safely operated in compliance with all applicable state and local laws, department rules and regulations, and the requirements of NFPA 1500, Standard Fire Department Occupational Safety and Health Program, Section 4.2. |  |  |           |             | t the<br>,<br>d on |      |
|   | RMANCE OUTCOME: The candidate very covided by the Authority Having Juris   | will safely complete the task operating the departmental soliction.            | ent pumpe | er on a pro | edetermine         | d    |
| The Al  | IJ will administer this JPR prior to                                       | the candidate participating in the Driver/Oper                                 | ator Prac | ctical.     |                    |      |
| CONDIT  | TIONS: The candidate will complete a                                       | all elements of the assigned task.   |           |             |                    |      |
| EQUIPN  | MENT REQUIRED: (1) one fire depart   | ment pumper.   |           |             |                    |      |
| No.   |  | FIRST TEST   |           | RETEST      |                    |      |
|   | TASK STEPS   |  | Pass      | Fail        | Pass               | Fail |
| 1.  | Four left turns.   |  |           |             |                    |      |
| 2.  | Four right turns.  |  |           |             |                    |      |
| 3.  | A straight section of urban business length.                               | s street or a two-lane rural road at least 1 mile in                           |           |             |                    |      |
| 4.  | One through-intersection and two in  | ntersections where a stop has to be made.                                      |           |             |                    |      |
| 5.  | One Railroad crossing.   |  |           |             |                    |      |
| 6.  | One curve, either left or right.   |  |           |             |                    |      |
| 7.  | A section of limited-access highwa<br>exit and a section of road long enou | y that includes a conventional ramp entrance and gh to allow two lane changes. |           |             |                    |      |
| 8.  | A downgrade steep enough and lon   | g enough to require down-shifting and braking.                                 |           |             |                    |      |
| 9.  | An upgrade steep enough and long speed.                                    | enough to require gear changing to maintain                                    |           |             |                    |      |
| 10.   | One underpass or a low clearance o   | r bridge.  |           |             |                    |      |

#### A-4.3.2

The maneuvers and features specified for this JPR include driving situations that the committee has determined to be essential. The committee recognizes that each of these situations might not exist in all areas. Where this occurs, those specific requirements can be omitted.

## **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.1 Driving / Operating Standard Area: Driving / Operating

JPR #DOP3

**Lead Evaluator/Candidate Comments:** 

| Lead Evaluator (Print & Sign) | Date | Candidate         | Date |
|-------------------------------|------|-------------------|------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

### NFPA 1002, 2003 Edition

**5.2.1 Operations** 

**Standard Area: Operations** 

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| JPR. | #1)    | OP9   |  |

| Candi  | idate:                               | Date  | e:         |      |        |      |
|--|--------------------------------------|---|------------|------|--------|------|
| SS#:   |                                      |   |            |      |        |      |
|  |                                      |   |            |      |        |      |
| STANDARD: 5.2.1 TASK: The fire apparatus driver / operator, given a fire department pumper, sh demonstrate placing the pump in service for pumping operations. |                                      |   |            |      |        | ıll  |
|  |                                      | perator shall safely and efficiently complete all in co |            |      |        |      |
| Condi  | TIONS: The candidate will complete   | all in cab procedures prior to exiting the apparatus.   |            |      |        |      |
| EQUIP  | MENT REQUIRED: A fire department     | t pumper equipped with wheel chocks.                    |            |      |        |      |
| No.  |                                      | TASK STEPS  | FIRST TEST |      | RETEST |      |
| NO.  |                                      | TASK STEPS  | Pass       | Fail | Pass   | Fail |
| 1.   | Bring the apparatus to a full stop a | and allow the engine to slow to idle speed.             |            |      |        |      |
| 2.   | Shift the transmission to neutral a  | nd set the brake (per manufactures instructions).       |            |      |        |      |
| 3.   | Depress the brake pedal and engage   | ge the pump shift switch and lock.                      |            |      |        |      |
| 4.   | Shift the transmission into pump g   | gear.   |            |      |        |      |
| 5.   | Open water tank to pump valve.       |   |            |      |        |      |
| 6.   | Properly position wheel chocks.      |   |            |      |        |      |
| 7.   | Describe manual pump engagen         | nent procedures.  |            |      |        |      |

Proctor will state to the Candidate the Task Steps in bold type.

**5.2.1 Operations** 

**Standard Area: Operations** 

JPR #DOP9

**Lead Evaluator/Candidate Comments:** 

| Lead Evaluator (Print & Sign) | Date | Candidate         | Date |
|-------------------------------|------|-------------------|------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10a

| Candi   | idate:   | Date:           |            |             | ,    |
|---|--|-----------------|------------|-------------|------|
| SS#:  |  |                 |            |             |      |
|   |  |                 |            |             |      |
| STANDARD: 5.2.1 TASK: Produce effective hand or master streams, given the sources specified following list, so that the pump is safely engaged, all pressure control and versure and safety devices are set, the rated flow of the nozzle is achieved and maintaine apparatus is continuously monitored for potential problems. |  |                 |            |             |      |
| operation   | RMANCE OUTCOME: The fire apparatus driver / operator, given a fire departmen ons (from internal tank) for supplying a pre-connected attack line, given one of nozzle being deployed to the 2 <sup>nd</sup> _ floor will produce an effective fire stream and | in. attack line | ft. in     | length with | ı a  |
| CONDI   | TIONS: The candidate will complete all elements of the assigned task.  |                 |            |             |      |
| EQUIPM  | MENT REQUIRED: Determined by proctor   |                 |            |             |      |
| No  | TASK STEPS   | F               | FIRST TEST |             | FEST |
| No.   | TASK STEPS   | Pa              | s Fail     | Pass        | Fail |
| 1.  | Open the water tank to pump valve fully  |                 |            |             |      |
| 2.  | Place the transfer valve in volume / pressure. (if applicable)   |                 |            |             |      |
| 3.  | Open the correct discharge valve.  |                 |            |             |      |
| 4.  | Adjust the throttle to the correct discharge pressure within $\ell + or - 5$ ( <i>Prime, if necessary</i> ).   | psi)            |            |             |      |
| 5.  | Set the pressure control device to the operating pressure.   |                 |            |             |      |
| 6.  | Monitor system for overheating. Operate auxiliary cooling systems. (if applice   | ıble)           |            |             |      |

Continue to next JPR Sheet without shutting down

### DRIVER OPERATOR PUMPER NFPA 1002, 2003 Edition 5.2 Operations

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10a

| Lead Evaluator/Candidate Comment | L | ead | Eva | luato | r/Car | ididate | Comm | ents: |
|----------------------------------|---|-----|-----|-------|-------|---------|------|-------|
|----------------------------------|---|-----|-----|-------|-------|---------|------|-------|

| Lead Evaluator (Print & Sign) | Date | Candidate         | Date |
|-------------------------------|------|-------------------|------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10a

| Candidate:                                    | Date:   |
|---|---|
| SS#:  |   |
|   |   |
| STANDARD: 5.2.1                               | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle   |
| NFPA 1002, 2003 Edition                       | safety devices are set, the rated flow of the nozzle is achieved and maintained, and the  |
|   | apparatus is continuously monitored for potential problems.   |
| operations (from internal tank) for supplying | ratus driver / operator, given a fire department pumper, shall demonstrate pump  ng a pre-connected attack line, given onein. attack line,ft. in length with a  floor will produce an effective fire stream and calculate the correct discharge pressure. |
| CONDITIONS: The candidate will complete       | e all elements of the assigned task.  |
| EQUIPMENT REQUIRED: Determined by p           | proctor   |

Continue to next JPR Sheet without shutting down.

## **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.2 Operations 5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10a

| Lead Evaluator/Candidate Com  | ments: |                   |      |
|-------------------------------|--------|-------------------|------|
|                               |        |                   |      |
|                               |        |                   |      |
|                               |        |                   |      |
|                               |        |                   |      |
| Lead Evaluator (Print & Sign) | Date   | Candidate         | Date |
| Re-Test Lead Evaluator        | Date   | Re-Test Candidate | Date |

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10b

| Candidate:                |   | Date   | ):<br>      |            |             |        |  |
|---------------------------|---|--|-------------|------------|-------------|--------|--|
| SS#:                      |   | · .  |             |            |             |        |  |
|                           |   |  |             |            |             |        |  |
|                           | ARD: 5.2.1 following li<br>1002, 2003 Edition safety device   | uce effective hand or master streams,<br>st, so that the pump is safely engaged,<br>es are set, the rated flow of the nozzle<br>continuously monitored for potential | all pressur | re contro  | l and vehic | ele    |  |
| operation gpm for pressur | RMANCE OUTCOME: The fire apparatus driver / cons (from internal tank) for supplying a pre-conne g nozzle being deployed to the ground floor, will e.  TIONS: The candidate will complete all elements | ected attack line, given onein. attack produce an effective fire stream and c  | ck line,    | _ft. in le | ngth with   |        |  |
| EQUIP                     | MENT REQUIRED: To be determined by the lead   | proctor.   |             |            |             |        |  |
| No.                       | TAGE STEE   | TASK STEPS   | FIRST TEST  |            | Ret         | RETEST |  |
| NO.                       | TASK STEPS  |  | Pass        | Fail       | Pass        | Fail   |  |
| 1.                        | Open the water tank to pump valve fully.  |  |             |            |             |        |  |
| 2.                        | Place the transfer valve in volume / pressure. (a   | If applicable)   |             |            |             |        |  |
| 3.                        | Open the correct discharge valve.   |  |             |            |             |        |  |
| 4.                        | Adjust the throttle to the correct discharge press ( <i>Prime, if necessary</i> ).  | sure within (+ or - 5 psi)   |             |            |             |        |  |
| 5.                        | Set the pressure control device to the operating  | pressure.  |             |            |             |        |  |
| 6.                        | Monitor system for overheating. Operate auxil   | (ary cooling systems (if applicable)   |             |            |             |        |  |

Continue to next JPR Sheet without shutting down

### DRIVER OPERATOR PUMPER NFPA 1002, 2003 Edition 5.2 Operations

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10b

| Lead Evaluator/Candidate Com  | ments: |                   |      |
|-------------------------------|--------|-------------------|------|
|                               |        |                   |      |
|                               |        |                   |      |
|                               |        |                   |      |
| Lead Evaluator (Print & Sign) | Date   | Candidate         | Date |
| Re-Test Lead Evaluator        | Date   | Re-Test Candidate | Date |

# NFPA 1002, 2003 Edition 5.2 Operations 5.2.1 Operations Standard Area: Operations

JPR #DOP10b

| Candidate:                                  | Date:  |
|---|--|
| SS#:  |  |
| STANDARD: 5.2.1<br>NFPA 1002, 2003 Edition  | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
| operations (from internal tank) for supplyi | ratus driver / operator, given a fire department pumper, shall demonstrate pump ng a pre-connected attack line, given onein. attack line,ft. in length with a und floor, will produce an effective fire stream and calculate the correct discharge   |
| CONDITIONS: The candidate will complete     | te all elements of the assigned task.  |
| EQUIPMENT REQUIRED: To be determine         | ed by the lead proctor.  |

Continue to next JPR Sheet without shutting down.

5.2 Operations5.2.1 Operations

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Standard Area: Operations

JPR #DOP10c

| Candidate: |   | Date   | e:                                     |                     |                           |            |
|------------|---|--|--|---------------------|---------------------------|------------|
| SS#:       |   |  |  |                     |                           |            |
|            |   |  |  |                     |                           |            |
| NFPA       | ARD: 5.2.1 1<br>1002, 2003 Edition 8                              | TASK: Produce effective hand or master streams, following list, so that the pump is safely engaged, safety devices are set, the rated flow of the nozzle apparatus is continuously monitored for potential | all pressur<br>is achieve<br>problems. | re controled and ma | and vehice<br>intained, a | ele        |
| operation  | ons (from internal tank) for supplying                            | us driver / operator, given a fire department pump<br>a pre-connected attack line., given onein. atta<br>or will produce an effective fire stream and calcu  | ack line, _                            | ft. in le           | ngth with                 | a<br>sure. |
| Condi      | TIONS: The candidate will complete a                              | all elements of the assigned task.   |  |                     |                           |            |
| EQUIP      | MENT REQUIRED: To be determined by                                | by the lead proctor.   |  |                     |                           |            |
| ***        |   | The state Common   | FIRST TEST                             |                     | RETEST                    |            |
| No.        | TASK STEPS  |  | Pass                                   | Fail                | Pass                      | Fail       |
| 1.         | Open the water tank to pump valve                                 | fully.   |  |                     |                           |            |
| 2.         | Place the transfer valve in volume / p                            | pressure. (If applicable)  |  |                     |                           |            |
| 3.         | Open the correct discharge valve.                                 |  |  |                     |                           |            |
| 4.         | Adjust the throttle to the correct disc<br>(Prime, if necessary). | charge pressure within (+ or - 5 psi)  |  |                     |                           |            |
| 5.         | Set the pressure control device to the                            | e operating pressure.  |  |                     |                           |            |
| 6.         | Monitor system for overheating. Op                                | perate auxiliary cooling systems (if applicable)   |  |                     |                           |            |

Continue to next JPR Sheet without shutting down

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10c

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| Lead Evaluator (Print & Sign) Date Candidate Date | Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |  |
|---|-------------------------------|------|-------------------|------|--|
|   | Lead Evaluator (Print & Sign) | Date | Candidate         | Date |  |

#### **NFPA 1002, 2003 Edition**

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

| Candidate:  | Date:  |
|---|--|
| SS#:  |  |
| <b>STANDARD:</b> 5.2.1<br>NFPA 1002, 2003 Edition | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the   |
| operations (from internal tank) for supp          | apparatus is continuously monitored for potential problems.  paratus driver / operator, given a fire department pumper, shall demonstrate pump  plying a pre-connected attack line., given onein. attack line,ft. in length with a  produce an effective fire stream and calculate the correct discharge pressure. |
| CONDITIONS: The candidate will comp               | olete all elements of the assigned task.   |
| EQUIPMENT REQUIRED: To be determined              | ined by the lead proctor.  |

JPR #DOP10c

Continue to next JPR Sheet without shutting down.

**NFPA 1002, 2003 Edition** 

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

| Candi                       | date:   | Date:   |                           |            | Acceptance of the |      |
|-----------------------------|---|---|---------------------------|------------|-------------------|------|
| SS#:                        |   |   |                           |            |                   |      |
|                             |   |   |                           |            |                   |      |
|                             | ARD: 5.2.1 follow safety  | : Produce effective hand or master streams, g<br>ving list, so that the pump is safely engaged, a<br>devices are set, the rated flow of the nozzle is<br>atus is continuously monitored for potential p | all pressur<br>is achieve | e contro   | and vehic         | ele  |
| operation deployer pressure | ons ( <i>from internal tank</i> ) for supplying a prod ft. <u>downhill</u> , with a gpm fog noze. | iver / operator, given a fire department pumper-connected attack line, given onein. attack zzle will produce an effective fire stream and operators of the essigned took.                               | k line,                   | _ft. in le | ngth and          | ţе   |
| CONDIT                      | FIONS: The candidate will complete all ele  | ments of the assigned task.   |                           |            |                   |      |
| EQUIPN                      | MENT REQUIRED: To be determined by the  | e lead proctor.   |                           |            |                   |      |
| No                          | Tig   | T. ov Carro   | FIRST TEST                |            | RETEST            |      |
| No.                         | TASI  | TASK STEPS  |                           | Fail       | Pass              | Fail |
| 1.                          | Open the water tank to pump valve fully.  |   |                           |            |                   |      |
| 2.                          | Place the transfer valve in volume / press  | ure. (If applicable)  |                           |            |                   |      |
| 3.                          | Open the correct discharge valve.   |   |                           |            |                   |      |
| 4.                          | Adjust the throttle to the correct discharg ( <i>Prime</i> , <i>if necessary</i> ).               | e pressure within (+ or - 5 psi)  |                           |            |                   |      |
| 5.                          | Set the pressure control device to the ope  | rating pressure.  |                           |            |                   |      |
| 6.                          | Monitor system for overheating. Operate   | e auxiliary cooling systems. (if applicable)  |                           |            |                   |      |

JPR #DOP10d

Continue to next JPR Sheet without shutting down

### **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.2 Operations

5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10d

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| Lead Evaluator (Print & Sign) | Date | Candidate         | Date |
|-------------------------------|------|-------------------|------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

# NFPA 1002, 2003 Edition 5.2 Operations 5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10d

| Candidate:  | Date: |  |  |  |  |  |
|---|-------|--|--|--|--|--|
| SS#:  |       |  |  |  |  |  |
| STANDARD: 5.2.1  NFPA 1002, 2003 Edition  TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and apparatus is continuously monitored for potential problems.      |       |  |  |  |  |  |
| PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (from internal tank) for supplying a pre-connected attack line, given onein. attack line,ft. in length and deployedft. downhill, with a gpm fog nozzle will produce an effective fire stream and calculate the correct discharge pressure. |       |  |  |  |  |  |
| CONDITIONS: The candidate will complete all elements of the assigned task.  |       |  |  |  |  |  |
| EQUIPMENT REQUIRED: To be determined by the lead proctor.   |       |  |  |  |  |  |

Continue to next JPR Sheet without shutting down.

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10e

| Candidate: Date: |   |  |            |            |          |          |  |  |
|------------------|---|--|------------|------------|----------|----------|--|--|
| SS#:             |   |  |            |            |          |          |  |  |
|                  |   |  |            |            |          |          |  |  |
|                  | ARD: 5.2.1 fol<br>1002, 2003 Edition saf                                  | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |            |            |          |          |  |  |
|                  | ons (from internal tank) for supplying a                                  | driver / operator, given a fire department pump<br>pre-connected attack line, given onein. attac<br>zle will produce an effective fire stream and cale   | ck line,   | _ft. in le | ngth and | ressure. |  |  |
| CONDI            | TIONS: The candidate will complete all                                    | elements of the assigned task.   |            |            |          |          |  |  |
| EQUIPM           | MENT REQUIRED: To be determined by  | the lead proctor.  |            |            |          |          |  |  |
| No               | Т   | ASK STEPS  | FIRST TEST |            | RETEST   |          |  |  |
| No.              | 1 ASK SIEPS   | Pass   | Fail       | Pass       | Fail     |          |  |  |
| 1.               | Open the water tank to pump valve ful                                     | lly.   |            |            |          |          |  |  |
| 2.               | Place the transfer valve in volume / pre                                  | essure. (If applicable)  |            |            |          |          |  |  |
| 3.               | Open the correct discharge valve.   |  |            |            |          |          |  |  |
| 4.               | Adjust the throttle to the correct discha ( <i>Prime, if necessary</i> ). | arge pressure within $(+ or - 5 psi)$  |            |            |          |          |  |  |
| 5.               | Set the pressure control device to the o                                  | operating pressure.  |            |            |          |          |  |  |
| 6.               | Monitor system for overheating. Open                                      | rate auxiliary cooling systems (if applicable)   |            |            |          |          |  |  |

Continue to next JPR Sheet without shutting down

### **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.2 Operations

5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10e

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|---|-----|-----|-------|------|-------|-------|--------|-----|
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| Lead Evaluator (Print & Sign) | . 3 | <br>            |
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5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10e

| Candidate:  | Date:  |  |  |  |  |  |
|---|--|--|--|--|--|--|
| SS#:  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |
| STANDARD: 5.2.1<br>NFPA 1002, 2003 Edition  | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |  |  |  |  |  |
| PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (from internal tank) for supplying a pre-connected attack line, given onein. attack line,ft. in length and deployedft. uphill with agpm fog nozzle will produce an effective fire stream and calculate the correct discharge pressure. |  |  |  |  |  |  |
| CONDITIONS: The candidate will complete all elements of the assigned task.  |  |  |  |  |  |  |
| EQUIPMENT REQUIRED: To be determine   | EQUIPMENT REQUIRED: To be determined by the lead proctor   |  |  |  |  |  |

Continue to next JPR Sheet without shutting down.

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP10f

| Cand    | idate:   | Date   | <b>:</b>   |            |                               |      |  |
|---------|--|--|------------|------------|-------------------------------|------|--|
| SS#:    |  |  |            |            |                               |      |  |
|         |  |  |            |            |                               |      |  |
|         | ARD: 5.2.1 for 1002, 2003 Edition sa                                     | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |            |            |                               |      |  |
| operati | ons (from internal tank) for supplying a                                 | s driver / operator, given a fire department pump<br>pre-connected attack line, given onein. atta<br>produce an effective fire stream and calculate the  | ck line,   | _ft. in le | ngth with a                   | a    |  |
| Condi   | TIONS: The candidate will complete all                                   | elements of the assigned task.   |            |            |                               |      |  |
| EQUIP   | MENT REQUIRED: To be determined by                                       | the lead proctor.  |            |            |                               |      |  |
| No.     |  | TASK STEPS   | FIRST TEST |            | RETEST                        |      |  |
| NO.     | TASK STEPS   |  | Pass       | Fail       | Pass                          | Fail |  |
| 1.      | Open the water tank to pump valve fu                                     | illy.  |            |            |                               |      |  |
| 2.      | Place the transfer valve in <i>volume / pi</i>                           | ressure. (If applicable)   |            |            |                               |      |  |
| 3.      | Open the correct discharge valve.  |  |            |            |                               |      |  |
| 4.      | Adjust the throttle to the correct disch ( <i>Prime, if necessary</i> ). | marge pressure within $(+ or - 5 psi)$   |            |            |                               |      |  |
| 5.      | Set the pressure control device to the                                   | operating pressure.  |            |            |                               |      |  |
| 6       | Monitor system for overheating One                                       | rate auxiliary cooling systems (if applicable)   |            |            | 165 MA 172 3<br>114 AS (SUR S |      |  |

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#### DRIVER OPERATOR PUMPER NFPA 1002, 2003 Edition 5.2 Operations

5.2 Operations5.2.1 OperationsStandard Area: Operations

JPR #DOP10f

**Lead Evaluator/Candidate Comments:** 

| Lead Evaluator (Print & Sign) | Date | Candidate         | Date |
|-------------------------------|------|-------------------|------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

| Candidate:   | Date:  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| SS#:   |  |  |  |  |  |  |
| STANDARD: 5.2.1<br>NFPA 1002, 2003 Edition   | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |  |  |  |  |  |
| PERFORMANCE OUTCOME: The fire apparatus driver / operator, given a fire department pumper, shall demonstrate pump operations (from internal tank) for supplying a pre-connected attack line, given onein. attack line,ft. in length with agpm fog nozzle deployed to the 1st floor will produce an effective fire stream and calculate the correct discharge pressure. |  |  |  |  |  |  |
| CONDITIONS: The candidate will complete all elements of the assigned task.   |  |  |  |  |  |  |
| EQUIPMENT REQUIRED: To be determined by the lead proctor.  |  |  |  |  |  |  |

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**5.2 Operations** 

**Standard Area: Operations** 

JPR #DOP11

| Cand     | Candidate: Dat                       |   |                              |            |             |      |
|----------|--------------------------------------|---|------------------------------|------------|-------------|------|
| SS#:     |                                      |   |                              |            |             |      |
|          |                                      |   |                              |            |             |      |
|          | ARD: 5.2.1<br>1002, 2003 Edition     | <b>TASK:</b> Produce effective hand or master streams, following list, so that the pump is safely engaged, safety devices are set, the rated flow of the nozzle apparatus is continuously monitored for potential | , all pressu<br>e is achieve | re contro  | l and vehic | cle  |
| PERFO    | RMANCE OUTCOME: The Driver/Ope       | erator will perform a transfer from internal tank to  | external se                  | ource (Hy  | vdrant).    |      |
| Condi    | TIONS: The candidate will perform th | is task completing all task steps in a safe manner.   |                              |            |             |      |
| EQUIP    | MENT REQUIRED: A fire department p   | pumper, hydrant and all equipment needed to mak   | e connecti                   | on.        |             |      |
| <b>.</b> |                                      | M   |                              | FIRST TEST |             | EST  |
| No.      |                                      | TASK STEPS  | Pass                         | Fail       | Pass        | Fail |
| 1.       | Signal to have hydrant opened (pro   | ctor will have someone at hydrant to open it).  |                              |            |             |      |
| 2.       | Maintain constant discharge pressu   | re (+ or - 30 psi.)   |                              |            |             |      |
| 3.       | Reset pressure control device.       |   |                              |            |             |      |
| 4.       | Fill apparatus booster tank.         |   |                              |            |             |      |
| 5.       | Close tank to numn                   |   |                              |            |             |      |

#### Continue to next JPR Sheet without shutting down

Note: If apparatus has an electronic throttle control, task step # 2 is not applicable.

### **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.2 Operations Standard Area: Operations

JPR #DOP11

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|-----|-----|-----|-------|-------|--------|-----|----------|-----|
| Д., | cau | Lya | ıuau  | JI/Ca | munar  |     | DIMINICH | LO. |

| Lead Evaluator (Print & Sign) | Date | Candidate         | Date |
|-------------------------------|------|-------------------|------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP11

| Candidate:                                 | Date:  |
|--|--|
| SS#:                                       |  |
| STANDARD: 5.2.1<br>NFPA 1002, 2003 Edition | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
| PERFORMANCE OUTCOME: The Driver/C          | Operator will perform a transfer from internal tank to external source (Hydrant).  |
| CONDITIONS: The candidate will perform     | this task completing all task steps in a safe manner.  |
| EQUIPMENT REQUIRED: A fire department      | ent pumper, hydrant and all equipment needed to make connection.   |

Continue to next JPR Sheet without shutting down.

#### **NFPA 1002, 2003 Edition**

5.2 Operations
5.2.1 Operations
Standard Area: Operations

JPR #DOP12a

| Candi   | date:   | D  | ate:                           |                        |             |             |
|---|---|--|--------------------------------|------------------------|-------------|-------------|
| SS#:  |   |  |                                |                        |             |             |
|   |   |  |                                |                        |             |             |
|   | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.  |  |                                |                        | cle         |             |
| 1   | RMANCE OUTCOME: The fire appar olying multiple hose lines.  | atus driver/operator; given a fire department pur  | nper, shall de                 | monstrate              | e pump op   | erations    |
| Driver/   | Operator is operating off a pressi  | urized water source with attack line flowing.  |                                |                        |             |             |
| T<br>d  | the number 2 The driver operator given (1) one number floors supplied from a discharge pressure.  r must determine gain/loss prior to the supplied from the supplied fro      | in hoseline, ft in length , in sn a hydrant, must show an effective fire stream an   | nooth bore nozed calculate the | zzle with<br>e correct | +/-<br>pump |             |
|   | FIGNS: The candidate will complete  |  |                                |                        |             |             |
|   | -   |  |                                |                        |             |             |
| EQUIPMENT REQUIRED: To be determined by the lead proctor. |   |  |                                |                        |             |             |
|   | TEAT REQUIRED. To be determined   | -  | FIRST                          | TEST                   | RET         | EST         |
| No.   | The respondence of the second | TASK STEPS   | FIRST<br>Pass                  | TEST<br>Fail           | RET<br>Pass | EST<br>Fail |
|   | Identify static pressure  | TASK STEPS   | <del> </del>                   |                        | -           |             |
| No.   | -   | TASK STEPSpsi.   | <del> </del>                   |                        | -           |             |
| No.   | Identify static pressure  Place transfer valve in  Maintain correct pump discharge  | TASK STEPSpsi.   | <del> </del>                   |                        | -           |             |
| No. 1. 2.   | Identify static pressure  Place transfer valve in  Maintain correct pump discharge part (within + or - 5 psi).  | TASK STEPSpsi(if equipped). pressure (hoseline number one) scharge pressure (hoseline number two)  | <del> </del>                   |                        | -           |             |
| No. 1. 2. 3.  | Identify static pressure  Place transfer valve in  Maintain correct pump discharge part (within + or - 5 psi).  Adjust throttle to correct pump discharge part (within + or - 5 psi).   | TASK STEPSpsi(if equipped). pressure (hoseline number one) scharge pressure (hoseline number two)  | <del> </del>                   |                        | -           |             |
| No.  1. 2. 3.   | Identify static pressure  Place transfer valve in  Maintain correct pump discharge part (within + or - 5 psi).  Adjust throttle to correct pump discharge part (within + or -   |  | <del> </del>                   |                        | -           |             |
| No.  1. 2. 3. 4.  | Identify static pressure  Place transfer valve in  Maintain correct pump discharge part (within + or - 5 psi).  Adjust throttle to correct pump discharge part (within + or - 5 psi).  Set pressure control device.  Identify residual pressure   |  | <del> </del>                   |                        | -           |             |
| No.  1. 2. 3. 4. 5. 6.                                    | Identify static pressure  Place transfer valve in  Maintain correct pump discharge provided (within + or - 5 psi).  Adjust throttle to correct pump discharge provided (within + or - 5 psi).  Set pressure control device.  Identify residual pressure  Monitor system for overheating. O  |  | <del> </del>                   |                        | -           |             |
| No.  1. 2. 3. 4. 5. 6.                                    | Identify static pressure  Place transfer valve in  Maintain correct pump discharge particle (within + or - 5 psi).  Adjust throttle to correct pump discharge particle (within + or - 5 psi).  Set pressure control device.  Identify residual pressure  Monitor system for overheating. Of Identify the number of equal lines of the pressure of the p                       |  | <del> </del>                   |                        | -           |             |
| No.  1. 2. 3. 4. 5. 6. 7. 8.                              | Identify static pressure  Place transfer valve in  Maintain correct pump discharge particle (within + or - 5 psi).  Adjust throttle to correct pump discharge particle (within + or - 5 psi).  Set pressure control device.  Identify residual pressure  Monitor system for overheating. Of Identify the number of equal lines of the pressure of the p                       | TASK STEPSpsi(if equipped). pressure (hoseline number one) scharge pressure (hoseline number two) 5 psi)psipsi. perate auxiliary cooling systems (if applicable) or additional gpm that can be added | <del> </del>                   |                        | -           |             |

#### DRIVER OPERATOR PUMPER NFPA 1002, 2003 Edition 5.2 Operations

5.2 Operations5.2.1 OperationsStandard Area: Operations

JPR #DOP12a

| Lead Evaluator/Candidate Com  | ments: |                   |      |
|-------------------------------|--------|-------------------|------|
|                               |        |                   |      |
| Lead Evaluator (Print & Sign) | Date   | Candidate         | Date |
| Re-Test Lead Evaluator        | Date   | Re-Test Candidate | Date |

### **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.2 Operations 5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP12a

| Candidate:  | Date:   |
|---|---|
| SS#:  |   |
|   |   |
|   | TASK: Produce effective hand or master streams, given the sources specified in the  |
| STANDARD: 5.2.1   | following list, so that the pump is safely engaged, all pressure control and vehicle  |
| NFPA 1002, 2003 Edition   | safety devices are set, the rated flow of the nozzle is achieved and maintained, and the  |
|   | apparatus is continuously monitored for potential problems.   |
| for supplying multiple hose lines.  Driver/Operator is operating off a press  Hoseline number 2  The driver operator given (1) one ft change in elevation supplied from discharge pressure. | ratus driver/operator; given a fire department pumper, shall demonstrate pump operations urized water source with attack line flowing.  in hoseline, ft in length , in smooth bore nozzle with a hydrant, must show an effective fire stream and calculate the correct pump |
| Proctor must determine gain/loss prior t  | o administering the exam.   |
| CONDITIONS: The candidate will complete   | e all elements of the assigned task.  |
| EQUIPMENT REQUIRED: To be determined  | d by the lead proctor.  |

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP12b

| Candi                  | Candidate:   |   |   |  |                        |                |
|------------------------|--|---|---|--|------------------------|----------------|
| SS#:                   |  |   |   |  |                        |                |
|                        |  |   |   |  |                        |                |
| NFPA                   | ARD: 5.2.1<br>1002, 2003 Edition                           | TASK: Produce effective hand or master stre following list, so that the pump is safely eng safety devices are set, the rated flow of the n apparatus is continuously monitored for pote | aged, all pressu<br>ozzle is achieve<br>ntial problems. | re contro  | and vehice intained, a | ele<br>and the |
|                        | RMANCE OUTCOME: The fire appar blying multiple hose lines. | atus driver/operator; given a fire department p   | umper, shall de   | monstrate  | e pump op              | erations       |
| Driver/                | Operator is operating off a pressi                         | rized water source with attack line flowing   | J.  |  |                        |                |
| Hoselin<br>T<br>f<br>d | e number 2 The driver operator given (1) one               | in hoseline, ft in length , in sa hydrant, must show an effective fire stream   | smooth bore no  | zzle with<br>ne correct  | pump                   |                |
|                        | FIONS: The candidate will complete                         | <u> </u>  |   |  |                        |                |
|                        | MENT REQUIRED: To be determined                            |   |   |  |                        |                |
| No.                    |  | TASK STEPS  | FIRST   | FIRST TEST   |                        | EST            |
| 110.                   |  | TAGK STEIS  | Pass  | Fail   | Pass                   | Fail           |
| 1.                     | Identify static pressure                                   | psi.  |   |  |                        |                |
| 2.                     | Place transfer valve in                                    | (if equipped).  |   |  |                        |                |
| 3.                     | Maintain correct pump discharge $(within + or - 5 psi)$ .  | oressure (hoseline number one)  |   | POLICE AND THE PROPERTY |                        |                |
| 4.                     | Adjust throttle to correct pump dis (within + or -         | charge pressure (hoseline number two) 5 psi)  |   |  |                        |                |
| 5.                     | Set pressure control device.                               |   |   |  |                        |                |
| 6.                     | Identify residual pressure                                 | psi.  |   |  |                        |                |
| 7.                     | Monitor system for overheating. O                          | perate auxiliary cooling systems (if applicable)  |   |  |                        |                |
| 8.                     | Identify the number of equal lines o                       | r additional gpm that can be added  |   |  |                        |                |
| 9.                     | Identify possible problems that may                        | occur if residual pressure drops below 20 psi.  |   |  |                        |                |
| 10.                    | Identify action to be taken.                               |   |   |  |                        |                |
| 11.                    | Demonstrate shut down procedures                           | •   |   |  |                        |                |

### **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.2 Operations

**5.2.1 Operations** 

**Standard Area: Operations** 

JPR #DOP12b

| T | hea. | Eval | luator | ·/Car                 | ndidat | e Con | nments:   |
|---|------|------|--------|-----------------------|--------|-------|-----------|
|   | cau  | Lva  | luatvi | / <b>L</b> / <b>A</b> | luiuau |       | HIBICHLA. |

| Lead Evaluator (Print & Sign) | Date | Candidate         | Date |
|-------------------------------|------|-------------------|------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

5.2 Operations 5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP12b

| Candidate:  | Date:  |
|---|--|
| SS#:  |  |
|   |  |
| STANDARD: 5.2.1<br>NFPA 1002, 2003 Edition                                    | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
| <b>PERFORMANCE OUTCOME:</b> The fire appar for supplying multiple hose lines. | atus driver/operator; given a fire department pumper, shall demonstrate pump operations  |
| Driver/Operator is operating off a pressu                                     | urized water source with attack line flowing.  |
|   | in hoseline, ft in length , in smooth bore nozzle with a hydrant, must show an effective fire stream and calculate the correct pump  |
| Proctor must determine gain/loss prior t                                      | o administering the exam.  |
| CONDITIONS: The candidate will complete                                       | e all elements of the assigned task.   |
| EQUIPMENT REQUIRED: To be determined  | d by the lead proctor.   |

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP12c

| Candi                      | idate:  | Da  | ate:                              |           |                   |          |
|----------------------------|---|---|-----------------------------------|-----------|-------------------|----------|
| SS#:                       |   |   |                                   |           |                   |          |
|                            |   |   |                                   |           |                   |          |
| II .                       | ARD: 5.2.1<br>1002, 2003 Edition  | TASK: Produce effective hand or master stream following list, so that the pump is safely engage safety devices are set, the rated flow of the noz apparatus is continuously monitored for potential | ed, all pressur<br>zle is achieve | re contro | l and vehic       | ele      |
|                            | RMANCE OUTCOME: The fire appar plying multiple hose lines.  | atus driver/operator, given a fire department pun   | per, shall de                     | monstrate | e pump op         | erations |
| Driver                     | Operator is operating off a pressu  | urized water source with attack line flowing.   |                                   |           |                   |          |
|                            | The driver operator given (1) one nozzle and ft elevation gai correct pump discharge pressure.  r must determine gain/loss prior t  |   | _gpm fog<br>calculate the         |           |                   |          |
|                            | TIONS: The candidate will complete  |   |                                   |           |                   |          |
| EQUIP                      | MENT REQUIRED: To be determined   | d by the lead proctor.  |                                   |           |                   |          |
| No.                        |   | TASK STEPS  | FIRST                             | TEST      | T RETEST          |          |
| NO.                        |   |   | Pass                              | Fail      | Pass              | Fail     |
| 1.                         | Identify static pressure  |   |                                   | 1         | A SECTION SECTION |          |
| 2.                         |   | psi.  |                                   |           |                   |          |
|                            | Place transfer valve in   | psi.<br>(if equipped).  |                                   |           |                   |          |
| 3.                         | Place transfer valve in Maintain correct pump discharge in  |   |                                   |           |                   |          |
|                            | Place transfer valve in  Maintain correct pump discharge (within + or - 5 psi)  | (if equipped).  pressure (hoseline number one)  scharge pressure (hoseline number two)  |                                   |           |                   |          |
| 3.                         | Place transfer valve in  Maintain correct pump discharge (within + or - 5 psi)  Adjust throttle to correct pump discharge (within + or -  | (if equipped).  pressure (hoseline number one)  scharge pressure (hoseline number two)  |                                   |           |                   |          |
| 3.                         | Place transfer valve in  Maintain correct pump discharge (within + or - 5 psi)  Adjust throttle to correct pump discharge (within + or -  | (if equipped).  pressure (hoseline number one)  scharge pressure (hoseline number two) 5 psi).  |                                   |           |                   |          |
| 3.<br>4.<br>5.             | Place transfer valve in   | (if equipped).  pressure (hoseline number one)  scharge pressure (hoseline number two) 5 psi).  |                                   |           |                   |          |
| 3.<br>4.<br>5.<br>6.       | Place transfer valve in   | (if equipped).  pressure (hoseline number one)  scharge pressure (hoseline number two) 5 psi). psi.   |                                   |           |                   |          |
| 3.<br>4.<br>5.<br>6.<br>7. | Place transfer valve in  Maintain correct pump discharge (within + or - 5 psi)  Adjust throttle to correct pump discharge (within + or - 5 psi)  Set pressure control device.  Identify residual pressure  Monitor system for overheating. O  Identify the number of equal lines of | (if equipped).  pressure (hoseline number one)  scharge pressure (hoseline number two) 5 psi). psi.  perate auxiliary cooling systems (if applicable)   |                                   |           |                   |          |
| 3.<br>4.<br>5.<br>6.<br>7. | Place transfer valve in  Maintain correct pump discharge (within + or - 5 psi)  Adjust throttle to correct pump discharge (within + or - 5 psi)  Set pressure control device.  Identify residual pressure  Monitor system for overheating. O  Identify the number of equal lines of | (if equipped).  pressure (hoseline number one)  scharge pressure (hoseline number two) 5 psi). psi.  perate auxiliary cooling systems (if applicable)  or additional gpm that can be added          |                                   |           |                   |          |

### **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.2 Operations 5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP12c

| Lead Evaluator/Candidate Com  | ments: |                   |      |
|-------------------------------|--------|-------------------|------|
|                               |        |                   |      |
|                               |        |                   |      |
|                               |        |                   |      |
|                               |        |                   |      |
| Lead Evaluator (Print & Sign) | Date   | Candidate         | Date |
| Re-Test Lead Evaluator        | Date   | Re-Test Candidate | Date |

### **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.2 Operations 5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP12c

| Candidate:  | Date:   |
|---|---|
| SS#:  |   |
|   | TASK: Produce effective hand or master streams, given the sources specified in the  |
| STANDARD: 5.2.1<br>NFPA 1002, 2003 Edition  | following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
| <b>PERFORMANCE OUTCOME:</b> The fire appar for supplying multiple hose lines.                                     | ratus driver/operator, given a fire department pumper, shall demonstrate pump operations  |
| Driver Operator is operating off a pressu   | urized water source with attack line flowing.   |
| Hoseline number 2  The driver operator given (1) one nozzle and ft elevation gai correct pump discharge pressure. | in hoselineft in length with agpm fog in/loss will produce and effective fire stream and calculate the  |
| Proctor must determine gain/loss prior t  | o administering the exam.   |
| CONDITIONS: The candidate will complete   | e all elements of the assigned task.  |
| EQUIPMENT REQUIRED: To be determine   | d by the lead proctor.  |

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP12d

| Candidate: |   | Da  | te:                            |           |                           |  |
|------------|---|---|--------------------------------|-----------|---------------------------|--|
|            |   |   |                                |           |                           |  |
|            |   |   |                                |           |                           |  |
|            | ARD: 5.2.1<br>1002, 2003 Edition                            | TASK: Produce effective hand or master streams following list, so that the pump is safely engage safety devices are set, the rated flow of the nozz apparatus is continuously monitored for potential | d, all pressu<br>le is achieve | re contro | and vehic                 | cle                                      |
| for supp   | olying multiple hose lines.                                 | atus driver/operator, given a fire department pumpurized water source with attack line flowing.   | oer, shall de                  | monstrate | e pump op                 | erations                                 |
| The dri    | ft in length with a gpm fog n                               | hoseline ft in length with a gated wye and ozzle will produce an effective fire stream and cale   | (2) two                        | in ho     | seline; eac<br>np dischar | ch<br>ge                                 |
| Condi      | TIONS: The candidate will complet                           | e all elements of the assigned task.  |                                |           |                           |  |
| EQUIPN     | MENT REQUIRED: To be determined                             | l by the lead proctor.  |                                |           |                           |  |
| No.        |   | TASK STEPS  | FIRST                          | TEST      | RET                       | EST                                      |
|            |   | TAGA STEEL  | Pass                           | Fail      | Pass                      | Fail                                     |
| 1.         | Identify static pressure                                    | psi.  |                                |           |                           |  |
| 2.         | Place transfer valve in                                     | (if equipped).  |                                |           |                           |  |
| 3.         | Maintain correct pump discharge (within + or - 5 psi).      | pressure (hoseline number one)  |                                |           |                           |  |
| 4.         | Adjust throttle to correct pump di (within $+ or - 5 psi$ ) | scharge pressure (hoseline number two)  |                                |           |                           |  |
| 5.         | Set pressure control device.                                |   |                                |           |                           |  |
| 6.         | Identify residual pressure                                  | psi.  |                                |           |                           |  |
| 7.         | Monitor system for overheating. O                           | perate auxiliary cooling systems (if applicable)  |                                |           |                           |  |
| 8.         | Identify the number of equal lines                          | or additional gpm that can be added   |                                |           |                           |  |
| 9.         | Identify possible problems that ma                          | y occur if residual pressure drops below 20 psi.  |                                |           |                           |  |
| 10.        | Identify action to be taken.                                |   |                                |           |                           |  |
|            |   |   |                                |           | LAST CONTRACTOR OF STREET | 12-12-12-12-12-12-12-12-12-12-12-12-12-1 |

#### DRIVER OPERATOR PUMPER NFPA 1002, 2003 Edition 5.2 Operations

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP12d

| Lead Evaluator/Candidate Com | ments:    |                   |          |
|------------------------------|-----------|-------------------|----------|
|                              |           |                   |          |
| ead Evaluator (Print & Sign) | Date      | Candidate         | <br>Date |
| Re-Test Lead Evaluator       | Date Date | Re-Test Candidate | Date     |

NFPA 1002, 2003 Edition 5.2 Operations

5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP12d

| Candidate:   | Date:  |
|--|--|
| SS#:   |  |
|  |  |
| STANDARD: 5.2.1<br>NFPA 1002, 2003 Edition   | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
| for supplying multiple hose lines.   | ratus driver/operator, given a fire department pumper, shall demonstrate pump operations urized water source with attack line flowing.   |
| Hoseline number 2  The driver/operator given (1) one in hoseline; each ft stream and calculate the correct pu  CONDITIONS: The candidate will complete |  |
| EQUIPMENT REQUIRED: To be determine  |  |

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP12e

| Cand    | idate:  | Dat  | te:                           |                           |               |                                       |
|---------|---|--|-------------------------------|---------------------------|---------------|---------------------------------------|
| SS#:    |   |  |                               |                           |               |                                       |
|         |   |  |                               |                           |               |                                       |
|         | ARD: 5.2.1<br>1002, 2003 Edition                              | TASK: Produce effective hand or master streams following list, so that the pump is safely engaged safety devices are set, the rated flow of the nozzl apparatus is continuously monitored for potentia | l, all pressu<br>e is achieve | re contro                 | l and vehi    | cle                                   |
| for sup | plying multiple hose lines.                                   | atus driver/operator, given a fire department pump   |                               |                           | e pump op     | erations                              |
| :       | ne number 2   | urized water source with attack line flowing.  |                               |                           |               |                                       |
|         | appliance with in smooth b                                    | in hoseline ft in length attached to a core nozzle; ft gain/loss in elevation; a hydra and calculate the correct pump discharge pressure   | ant as a wa                   | ster streamer ster supply | m<br>y,       |                                       |
| Procto  | r must determine gain/loss prior t                            | o administering the exam.  |                               |                           |               |                                       |
| CONDI   | TIONS: The candidate will complete                            | all elements of the assigned task.   |                               |                           |               |                                       |
| EQUIP   | MENT REQUIRED: To be determined                               | by the lead proctor.   |                               |                           |               |                                       |
| No.     |   | TASK STEPS   | First                         | TEST                      | TARREST STATE | TEST                                  |
|         |   |  | Pass                          | Fail                      | Pass          | Fail                                  |
| 1.      | Identify static pressure                                      | psi  |                               |                           |               |                                       |
| 2.      | Place transfer valve in                                       | _ (if equipped).   |                               |                           |               | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 3.      | ( ).7   | pressure (hoseline number one)   |                               |                           |               |                                       |
| 4.      | Adjust throttle to correct pump dis (within $+ or - 5 psi$ ). | scharge pressure (hoseline number two)   |                               |                           |               |                                       |
| 5.      | Set pressure control device.                                  | * *  |                               |                           |               |                                       |
| 6.      | Identify residual pressure                                    |  |                               |                           |               |                                       |
| 7.      | Identify the number of equal lin                              | es or additional gpm that can be added   |                               |                           |               |                                       |
| 8.      | Identify possible problems that psi.                          | may occur if residual pressure drops below 20  |                               |                           |               |                                       |
| 9.      | Identify action to be taken.                                  |  |                               |                           |               |                                       |
| 10.     | Demonstrate shut down procedu                                 | ures.  |                               |                           |               |                                       |

5.2 Operations
5.2.1 Operations
Standard Area: Operations

JPR #DOP12e

| Lead Evaluator/Candidate Comments: |      |                   |      |  |  |  |
|------------------------------------|------|-------------------|------|--|--|--|
|                                    |      |                   |      |  |  |  |
|                                    |      |                   |      |  |  |  |
|                                    |      |                   |      |  |  |  |
| Lead Evaluator (Print & Sign)      | Date | Candidate         | Date |  |  |  |
| Re-Test Lead Evaluator             | Date | Re-Test Candidate | Date |  |  |  |

# NFPA 1002, 2003 Edition 5.2 Operations 5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP12e

| Candidate: Date:   |   |  |  |  |
|--|---|--|--|--|
| SS#:   |   |  |  |  |
|  |   |  |  |  |
| STANDARD: 5.2.1  | TASK: Produce effective hand or master streams, given the sources specified in the  |  |  |  |
| NFPA 1002, 2003 Edition  | following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the   |  |  |  |
| 1417 A 1002, 2003 Edition  | apparatus is continuously monitored for potential problems.   |  |  |  |
| for supplying multiple hose lines.  Driver/Operator is operating off a press  Hoseline number 2  The driver/operator given (1) one appliance with in smooth by | atus driver/operator, given a fire department pumper, shall demonstrate pump operations  arized water source with attack line flowing.  in hoseline ft in length attached to a remote master stream fore nozzle; ft gain/loss in elevation; a hydrant as a water supply, and calculate the correct pump discharge pressure. |  |  |  |
| Proctor must determine gain/loss prior t   | o administering the exam.   |  |  |  |
| CONDITIONS: The candidate will complete all elements of the assigned task.   |   |  |  |  |
| EQUIPMENT REQUIRED: To be determined   | d by proctor  |  |  |  |

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP12f

| Candi                        | Candidate: Date:   |   |               |              |             |             |
|------------------------------|--|---|---------------|--------------|-------------|-------------|
| SS#:                         |  | <u>.                                    </u>  |               |              |             |             |
|                              |  |   |               |              |             |             |
|                              | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems.   |   |               |              |             |             |
|                              | RMANCE OUTCOME: The fire apparatus dr  | river/operator, given a fire department pumper,   |               | monstrate    | pump op     | erations    |
| for supp                     | olying multiple hose lines.  |   |               |              |             |             |
| Driver/                      | Operator is operating off a pressurized  | water source with attack line flowing.  |               |              |             |             |
| The driv<br>at g<br>pump d   | gpm, hydrant as a water supply,ft. gair ischarge pressure.   | sft. in length attached to a remote master n/loss in elevation, must show an effective fire                               |               |              |             |             |
| Proctor                      | r must determine gain/loss prior to adm  | inistering the exam.  |               |              |             |             |
| CONDIT                       | TIONS: The candidate will complete all ele   | ements of the assigned task.  |               |              |             |             |
| Forms                        | MENT REQUIRED: To be determined by th  | e lead proctor  |               |              |             |             |
| EQUIPN                       | TENT REQUIRED. TO be determined by the   | ic lead proctor.  |               |              |             |             |
|                              | -  |   | FIRST         | TEST         | RET         | EST         |
| No.                          | -  | K STEPS   | FIRST<br>Pass | TEST<br>Fail | RET<br>Pass | EST<br>Fail |
|                              | -  |   |               |              | 2 2 2 2 2   |             |
| No.                          | TAS  | k Steps   |               |              | 2 2 2 2 2   |             |
| No.                          | TAS  Identify static pressurepsi.  Place transfer valve in (if equipper in)  | k Steps   |               |              | 2 2 2 2 2   |             |
| No. 1. 2.                    | Identify static pressurepsi.  Place transfer valve in (if equipper transfer valv  | k STEPS   |               |              | 2 2 2 2 2   |             |
| No. 1. 2. 3.                 | Identify static pressurepsi.  Place transfer valve in (if equipper transf | ved).  oseline number one) (within + or –   |               |              | 2 2 2 2 2   |             |
| No.  1. 2. 3. 4.             | Identify static pressure psi.  Place transfer valve in (if equipper transfer valve in   | ved).  oseline number one) (within + or –   |               |              | 2 2 2 2 2   |             |
| No.  1. 2. 3. 4.             | Identify static pressure psi.  Place transfer valve in (if equipper transfer valve in   | coed).  coseline number one) (within + or –  ssure (hoseline number two) (within  |               |              | 2 2 2 2 2   |             |
| No.  1. 2. 3. 4. 5. 6.       | Identify static pressurepsi.  Place transfer valve in (if equipper transfer valve in (if eq  | wed).  oseline number one) (within + or -  ssure (hoseline number two) (within  auxiliary cooling systems (if applicable) |               |              | 2 2 2 2 2   |             |
| No.  1. 2. 3. 4. 5. 6.       | Identify static pressurepsi.  Place transfer valve in (if equipper Maintain correct pump discharge pressure ( $hotorem 5  psi$ ).  Adjust throttle to correct pump discharge pre $+  or - 5  psi$ ).  Set pressure control device.  Identify residual pressure psi.  Monitor system for overheating. Operate   | coed).  coseline number one) (within + or   |               |              | 2 2 2 2 2   |             |
| No.  1. 2. 3. 4. 5. 6. 7. 8. | Identify static pressure psi.  Place transfer valve in (if equipper Maintain correct pump discharge pressure ( $hotego$ $5 psi$ ).  Adjust throttle to correct pump discharge pre $+ or - 5 psi$ ).  Set pressure control device.  Identify residual pressure psi.  Monitor system for overheating. Operate Identify the number of equal lines or additional pressure and the system of equal lines or additional pressure and the system for overheating.   | coed).  coseline number one) (within + or   |               |              | 2 2 2 2 2   |             |

**Lead Evaluator/Candidate Comments:** 

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

**Re-Test Lead Evaluator** 

JPR #DOP12f

Date

| Lead Evaluator (Print & Sign) | Date | Candidate | Date |
|-------------------------------|------|-----------|------|
|                               |      |           | _    |
|                               |      |           |      |
|                               |      |           |      |
|                               |      |           |      |
|                               |      |           |      |
|                               |      |           |      |
|                               |      |           |      |

**Re-Test Candidate** 

Date

# **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.2 Operations 5.2.1 Operations Standard Area: Operations

JPR #DOP12f

| Candidate:                                 | Date:  |
|--|--|
| SS#:                                       |  |
|  |  |
| STANDARD: 5.2.1<br>NFPA 1002, 2003 Edition | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |
| for supplying multiple hose lines.         | ratus driver/operator, given a fire department pumper, shall demonstrate pump operations urized water source with attack line flowing.   |
| appliance with a fog nozzle at             | in. hoselinesft. in length attached to a remote master stream _ gpm, hydrant as a water supply,ft. gain/loss in elevation, must show ate the correct pump discharge pressure.  |
| Proctor must determine gain/loss prior t   | to administering the exam.   |
| CONDITIONS: The candidate will complet     | e all elements of the assigned task.   |
| EQUIPMENT REQUIRED: To be determine        | ed by the lead proctor.  |

**5.2 Operations** 5.2.4

**Standard Area: Operations** 

JPR #DOP13a

| Cand         | lidate: Dat  | te:          |          |                      |        |
|--------------|--|--------------|----------|----------------------|--------|
| SS#:         |  |              |          |                      |        |
|              |  |              |          |                      |        |
|              | TASK: Supply water to fire sprinkler and standpi information and a fire department pumper, so that the proper volume and pressure.   |              |          |                      | m at   |
| Procto CONDI | ORMANCE OUTCOME: The driver/operator given (2) twoin. hoselines,ft. in lection, operating at thefloor, withft. ofin. attack line, and agpm. frized water source, must show an effective fire stream and calculate the correct pump dor must select fire sprinkler or stand pipe system  ITIONS: The candidate will complete all elements of the assigned task. | og nozzle. S | Supplied | e Fire Dep<br>from a | artmen |
| EQUIP        | MENT REQUIRED: To be determined by the lead proctor.   | Finer        | TEST     | RET                  | PECT   |
| No.          | TASK STEPS   | Pass         | Fail     | Pass                 | Fail   |
| 1.           | Identify static pressure psi.  |              |          | 223                  |        |
| 2.           | Place transfer valve in (if equipped).   |              |          |                      |        |
| 3.           | Adjust throttle to correct pump discharge pressure for attack line (within $+$ or $-$ 5 psi).  |              |          |                      |        |
| 4.           | Set pressure control device.   |              |          |                      |        |
| 5.           | Demonstrate shut down procedures.  |              |          |                      |        |
| 6.           | Monitor system for overheating. Operate auxiliary cooling systems ( <i>if applicable</i> )   |              |          |                      |        |

### **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.2 Operations

5.2.4

**Standard Area: Operations** 

JPR #DOP13a

| Lead | Evalua | tor/C | andida | te C | omments: |
|------|--------|-------|--------|------|----------|
|------|--------|-------|--------|------|----------|

| Lead Evaluator (Print & Sign) | Date | Date Candidate    |      |
|-------------------------------|------|-------------------|------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | Date |

### **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.2 Operations

5.2.4

**Standard Area: Operations** 

JPR #DOP13a

| Candidate:                                 | Date:  |
|--|--|
| SS#:                                       | <u> </u>   |
| STANDARD: 5.2.4<br>NFPA 1002, 2003 Edition | TASK: Supply water to fire sprinkler and standpipe systems, given specific information and a fire department pumper, so that water is supplied to the system at the proper volume and pressure.                        |
| Connection, operating at the floor, wi     | erator given (2) twoin. hoselines,ft. in length, attached to the Fire Department thft. ofin. attack line, and agpm. fog nozzle. Supplied from a rective fire stream and calculate the correct pump discharge pressure. |
| CONDITIONS: The candidate will complete    |  |
| EQUIPMENT REQUIRED: To be determine        | d by proctor   |

5.2 Operations5.2.3 Operations

**Standard Area: Operations** 

JPR #DOP13b

| Candidate: Date:  |  | :   |            |          |              |   |  |
|---|--|---|------------|----------|--------------|---|--|
| SS#:  |  |   |            |          |              |   |  |
|   |  |   |            |          |              |   |  |
|   |  | : Produce a foam fire stream, given foam-pro  | oducing ed | quipment | , so that pr | operly  |  |
| NFPA 1002, 2003 Edition proportioned foam is provided.  PERFORMANCE OUTCOME: The fire apparatus driver/operator, given foam and foam producing equipment, shall demonstrate the ability to operate foam-proportioning equipment, connect foam stream equipment and produce an effective fire stream supplied with foam. |  |   |            |          |              |   |  |
| CONDIT  | TIONS: The candidate will complete all ele                           | ements of the assigned task.  |            |          |              |   |  |
| Compre  |  | B type foam concentrate or substitute. Inline ection system. Fog nozzle or foam nozzle as a used for testing. |            |          |              |   |  |
| No.   | Tasi   | K STEPS   | FIRST TEST |          | RETEST       |   |  |
| 110.  | I AUN UTETO  |   | Pass       | Fail     | Pass         | Fail  |  |
| 1.  | Identify type of foam producing equip                                | ment being utilized.  |            |          |              |   |  |
| 2.  | Prepare foam-producing equipment for o                               | peration.   |            |          |              |   |  |
| 3.  | Adjust throttle to correct pump discharge being utilized.            | pressure for foam-producing equipment   |            |          |              | 10 (10 (20 (20 (20 (20 (20 (20 (20 (20 (20 (2 |  |
| 4.  |  | or a specific type of fire, to be determined intage of class B foam should be used on                         |            |          |              |   |  |
| 5.  | Produce an effective foam supplied fire s                            | tream.  |            |          |              |   |  |
| 6.  | Identify limitations of foam type being                              | utilized.   |            |          |              |   |  |
| 7.  | Demonstrate shut down procedures.                                    |   |            |          |              |   |  |
| 11.   | Identify proper cleaning or flushing promanufacture recommendations. | ocedures for equipment utilized, per the  |            |          |              |   |  |

#### DRIVER OPERATOR PUMPER NFPA 1002, 2003 Edition 5.2 Operations

5.2 Operations5.2.3 OperationsStandard Area: Operations

JPR #DOP13b

| Lead Evaluator/Candidate Com  | ments: |                   |      |
|-------------------------------|--------|-------------------|------|
|                               |        |                   |      |
|                               |        |                   |      |
| Lead Evaluator (Print & Sign) | Date   | Candidate         | Date |
| Re-Test Lead Evaluator        | Date   | Re-Test Candidate | Date |

5.2 Operations 5.2.3 Operations

**Standard Area: Operations** 

JPR #DOP13b

| Candidate:   | Date:   |  |  |  |  |  |
|--|---|--|--|--|--|--|
| SS#:   |   |  |  |  |  |  |
|  |   |  |  |  |  |  |
| STANDARD: 5.2.3<br>NFPA 1002, 2003 Edition   | TASK: Produce a foam fire stream, given foam-producing equipment, so that properly proportioned foam is provided. |  |  |  |  |  |
| <b>PERFORMANCE OUTCOME:</b> The fire apparatus driver/operator, given foam and foam producing equipment, shall demonstrate the ability to operate foam-proportioning equipment, connect foam stream equipment and produce an effective fire stream supplied with foam. |   |  |  |  |  |  |
| CONDITIONS: The candidate will complete all elements of the assigned task.   |   |  |  |  |  |  |
| EQUIPMENT REQUIRED: A supply of class  | s A or B type foam concentrate or substitute. Inline educator, bypass educator,                                   |  |  |  |  |  |
| Compressed air foam system (CAFS) or Fo  | am injection system. Fog nozzle or foam nozzle as required. Authority Having                                      |  |  |  |  |  |
| Jurisdiction will determine type of system   | n to be used for testing.   |  |  |  |  |  |

5.2 Operations5.2.2 Operations

**Standard Area: Operations** 

JPR #DOP14a

| Candi  | idate:   | Date  | :                          |  |                          |                |
|--------|--|---|----------------------------|--|--------------------------|----------------|
| SS#:   |  |   |                            |  |                          |                |
|        |  |   |                            |  |                          |                |
| NFPA   | length and size of the pressure and flow as  | oly line of 2 ½ in. or larger, give line and the desired flow and the provided to the next pumper | d intake print in the rel  | ressure, s<br>ay.  | o that the               | proper         |
| with   | RMANCE OUTCOME: The driver /operator, given ae department pumper, relay water using (1) one in. suft. elevation gain/loss flowing gpm.  The must determine gain/loss prior to administering the example. |   | . sections<br>o a fire dep | of hard spartment  | uction con<br>attack pun | nected<br>nper |
| Condi  | TIONS: The candidate will complete all elements of the a   | ssigned task.   |                            |  |                          |                |
| EQUIPM | MENT REQUIRED: To be determined by the lead proctor.   |   |                            |  | <b>.</b>                 |                |
| No.    | TASK STEPS   |   | FIRST<br>Pass              | TEST<br>Fail   | RET<br>Pass              | EST<br>Fail    |
| 1.     | Identify the source and attack pumper.   |   | 1 455                      | ran  | 1 455                    | ran            |
| 2.     | Identify the minimum water level of the static source  | 2.  |                            |  |                          |                |
| 3.     | Identify the maximum lift at the test site.  |   |                            |  |                          |                |
| 4.     | Identify the maximum priming time of the source pu   | imper.  |                            | The state of the s |                          |                |
| 5.     | Prime the pump.  |   |                            |  |                          |                |
| 6.     | Identify problems associated with a failure to prime the   | pump.   |                            |  |                          |                |
| 7.     | Communications established with attack pumper.   |   |                            |  |                          |                |
| 8.     | Open the correct discharge valve.  |   |                            |  |                          |                |
| 9.     | Adjust the throttle to the correct discharge pressure  | within $(+ or - 5 psi)$ .   |                            |  |                          |                |
| 10     | Set pressure control device.   |   |                            |  |                          |                |
| 11     | Maintain pump prime without flow interruptions from a  | uttack pumper.  |                            |  |                          |                |
| 12.    | Demonstrate shut down procedures.  |   |                            |  |                          |                |
| 13.    | Monitor systems for overheating Operate auxiliary cod  | oling system (if annlicable)  |                            |  |                          |                |

5.2 Operations
5.2.2 Operations
Standard Areas Operations

**Standard Area: Operations** 

JPR #DOP14a

|                               |      |           | Management of the second of th |
|-------------------------------|------|-----------|--|
| Lead Evaluator (Print & Sign) | Date | Candidate | Date   |
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|                               |      |           |  |

#### NFPA 1002, 2003 Edition

5.2 Operations5.2.2 Operations

| Standard Area: Operations   |   |
|---|---|
| Candidate:  | Date:   |
| SS#:  |   |
| THE RESIDENCE OF THE PROPERTY |   |
| STANDARD: 5.2.2<br>NFPA 1002, 2003 Edition  | TASK: Pump a supply line of 2 ½ in. or larger, given a relay pumping evolution the length and size of the line and the desired flow and intake pressure, so that the proper pressure and flow are provided to the next pumper in the relay. |
| PERFORMANCE OUTCOME: The driver /- to a fire department pumper, relay water withft. elevation gain/loss flowing   | operator, given a water source with (2) 10ft. sections of hard suction connected using (2) two in. supply linesft. in length to a fire department attack pumper gpm.  |
| Proctor must determine gain/loss prior  | r to administering the exam   |
| CONDITIONS: The candidate will complete   | ete all elements of the assigned task.  |
| EQUIPMENT REQUIRED: To be determine   | ned by proctor  |

JPR #DOP14a

#### NFPA 1002, 2003 Edition

5.2 Operations5.2.2 Operations

**Standard Area: Operations** 

JPR #DOP14b

| Cand                 | idate: Date   | e:   |                                |                        |                  |
|----------------------|---|--|--------------------------------|------------------------|------------------|
| SS#:                 |   |  |                                |                        |                  |
| PERFO to a fire with | TASK: Pump a supply line of 2 ½ in. or larger, given a length and size of the line and the desired flow an pressure and flow are provided to the next pumper.  RMANCE OUTCOME: The driver /operator, given a water source with (2) 10fe department pumper, relay water using (2) two in. supply lines ft. in length to gpm. | d intake properties of the desired des | ressure, s<br>ay.<br>of hard s | o that the puttion con | proper<br>nected |
|                      | r must determine gain/loss prior to administering the exam  |  |                                |                        |                  |
| CONDI                | TIONS: The candidate will complete all elements of the assigned task.   |  |                                |                        |                  |
| EQUIP                | MENT REQUIRED: To be determined by the lead proctor.  |  |                                |                        |                  |
| No.                  | TASK STEPS  | FIRST  | FIRST TEST                     |                        | EST              |
| 110.                 | TASK STEIS  | Pass   | Fail                           | Pass                   | Fail             |
| 1.                   | Identify the source and attack pumper.  |  |                                |                        |                  |
| 2.                   | Identify the minimum water level of the static source.  |  |                                |                        |                  |
| 3.                   | Identify the maximum lift at the test site.   |  |                                |                        |                  |
| 4.                   | Identify the maximum priming time of the source pumper.   |  |                                |                        |                  |
| 5.                   | Prime the pump.   |  |                                |                        |                  |
| 6.                   | Identify problems associated with a failure to prime the pump.  |  |                                |                        |                  |
| 7.                   | Communications established with attack pumper.  |  |                                |                        |                  |
| 8.                   | Open the correct discharge valve.   |  |                                |                        |                  |
| 9.                   | Adjust the throttle to the correct discharge pressure within $(+ or - 5 psi)$ .   |  |                                |                        |                  |
| 10                   | Set pressure control device   |  |                                |                        |                  |
| 11                   | Maintain pump prime without flow interruptions from attack pumper.  |  |                                |                        |                  |
| 12                   | Demonstrate shut down procedures  |  |                                |                        |                  |
| 13.                  | Monitor systems for overheating. Operate auxiliary cooling systems ( <i>if applicable</i> ).  |  |                                |                        | K 200 1 7 1      |

# **DRIVER OPERATOR PUMPER** NFPA 1002, 2003 Edition 5.2 Operations 5.2.2 Operations Standard Area: Operations

JPR #DOP14b

| Lead Evaluator/Candidate Com  | ments: |                   |      |
|-------------------------------|--------|-------------------|------|
|                               |        |                   |      |
|                               |        |                   |      |
|                               |        |                   |      |
|                               |        |                   |      |
| Lead Evaluator (Print & Sign) | Date   | Candidate         | Date |
| Re-Test Lead Evaluator        | Date   | Re-Test Candidate | Date |

#### NFPA 1002, 2003 Edition

5.2 Operations 5.2.2 Operations

**Standard Area: Operations** 

JPR #DOP14b

| Candidate:  | Date:   |
|---|---|
| SS#:  |   |
| <b>STANDARD:</b> 5.2.2<br>NFPA 1002, 2003 Edition | TASK: Pump a supply line of 2 ½ in. or larger, given a relay pumping evolution the length and size of the line and the desired flow and intake pressure, so that the proper pressure and flow are provided to the next pumper in the relay. |
|   | V   |
| CONDITIONS: The candidate will complet            | e all elements of the assigned task.  |
| EQUIPMENT REQUIRED: To be determine               | d by proctor  |

#### NFPA 1002, 2003 Edition

5.2 Operations 5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP15

| Cand  | Candidate:   |  |                |            |             |        |  |
|-------|--|--|----------------|------------|-------------|--------|--|
| SS#:  |  |  |                |            |             |        |  |
|       |  |  |                |            |             |        |  |
| ~     | TASK: Produce effective hand or master streams, given the sources specified in the following list, so that the pump is safely engaged, all pressure control and vehicle safety devices are set, the rated flow of the nozzle is achieved and maintained, and the apparatus is continuously monitored for potential problems. |  |                |            |             |        |  |
|       | <b>PRMANCE OUTCOME:</b> The fire appatoring the pumper to service.   | ratus driver / operator, given a fire department p | umper, shall d | emonstra   | te the prod | cedure |  |
| Condi | TIONS: The candidate will complete   | te all elements of the assigned task.              |                |            |             |        |  |
| EQUIP | MENT REQUIRED: A fire departmer  | at pumper, fully equipped.                         |                |            |             |        |  |
| No.   |  | TASK STEPS   | First          | FIRST TEST |             | RETEST |  |
| 110.  |  |  | Pass           | Fail       | Pass        | Fail   |  |
| 1.    | Insure that the apparatus water ta   | nk is full.  |                |            |             |        |  |
| 2.    | Reset pressure control devices.  |  |                |            |             |        |  |
| 3.    | Shift the transmission to neutral, disengaging the pump shift switch   | allowing it to return to idle speed before<br>h.   |                |            |             |        |  |
| 4.    | Open the pump drain (optional).  |  |                |            |             |        |  |
| 5.    | Load and secure all equipment.   |  |                |            |             |        |  |
| 6.    | Secure compartment doors.  |  |                |            |             |        |  |

NFPA 1002, 2003 Edition

5.2 Operations5.2.1 Operations

**Standard Area: Operations** 

JPR #DOP15

**Lead Evaluator/Candidate Comments:** 

| Lead Evaluator (Print & Sign) | Date | Candidate         | Date     |
|-------------------------------|------|-------------------|----------|
| Re-Test Lead Evaluator        | Date | Re-Test Candidate | <br>Date |